

Index to Volume 12

- Achievement Medal in Sciencee, 133
Advisory Staff Member, New, 14
Allen, Shirley W., Wilderness Travel by Trail, 41
Amundson, Carl L., The Biology Fair, 129
Anthropology in the Biology Course, The Place of, Harold Nagler 65
Ants in Palaces, Export Industry Run by a Woman, Jeanne M. Lazarus, 38
Aquarium, What Not to Teach About a "Balanced," James W. Atz, 114
Atz, James W., What Not to Teach About a "Balanced" Aquarium, 114
Author's Manual, 118
- Beuschlein, Muriel, see Sanders, James M.
Biological Briefs, 165
Biology, Objectives and Grades in, Jesse V. Miller, 99
Biology, Comparative Studies of Students in First Term College, Richard F. Thaw, 34
Biology Fair, The, Carl L. Amundson, 129
Biology For Survival, D. F. Miller, 7
Biology Laboratories, 14, 39, 91, 133, 167
Biology, Teacher-Pupil Planning for, Jesse V. Miller, 51
Biology, the Use of $2'' \times 2''$ Photomicrographs in the Teaching of, Abraham Marshall Weekstein, 60
Biology to Blind Students With the Seeing, Methods of Teaching, Arthur H. Bryan, 75
- BOOKS REVIEWED
- Anderson, Edgar, *Introgressive Hybridization*, 17
Blake, Emmet, R., *Preserving Birds for Study*, 141
Brown, F. A. Jr., (Editor), *Selected Invertebrate Types*, 161
Calvin, Melvin; Heidelberger, Charles; Reid, James C.; Tolbert, Bert M. and Yankwich, Peter F., *Isotopic Carbon—Techniques in its Measurement and Chemical Manipulation*, 44
Chu, H. F., *How to Know the Imature Insects*, 44
Clements, Frederic E., Martin, Emmett V., and Long, Frances L., *Adaptation and Origin in the Plant World*, 141
DeLauenfels, M. W., *Life Science*, 94
De Turk, E. E., *Freedom From Want*, 18
Duncan, Winifred, *Webs in the Wind*, 110
Emerson, Fred W., and Shields, Lora Mangun, *Laboratory and Field Exercises in Botany*, 95
Foster, Robert Geib, *Marriage and Family Relationships*, 164
Frear, Donald E. H., *A Catalogue of Insecticides and Fungicides*, 21
Garter, Vernon Gill, *Man on the Landscape*, 43
Gates, Frank C., *Field Manual of Plant Ecology*, 71
Gates, R. Ruggles, *Pedigrees of Negro Families*, 19
Graves, Arthur H. and Rusk, Hester M., *Guide to Trees and Shrubs*, 93
Grimm, W. C., *The Trees of Pennsylvania*, 192
Howard-Jones, Dr. N. (Editor), *Applied Biophysics*, 17
Huettner, Alfred F., *Fundamentals of Comparative Embryology of the Vertebrates*, 45
Huxley, Julian, *Heredity East and West*, 20
Marx, David S., *Learn the Trees From Leaf Prints*, 17
Mavor, James W., *A Brief Biology*, 18
McCay, Clive M., *Nutrition of the Dog*, 94
Monier-Williams, G. W., *Trace Elements in Food*, 43
Moog, Florence, *Structure and Development of the Vertebrates*, 43
New York Academy of Medicine, *The Future in Medicine*, 162
Nordrum Garfield B., *Conservation Soil and Water*
Oosting, Henry J., *The Study of Plant Communities*, 94
Otto, James H., and Blane, Sam S., *Biology Investigations*, 44
Pastore, Nicholas, *The Nature-Nurture Controversy*, 163
Paule, Wolfgang F. *The World of Life*, 161
Philips, Alfred W., *The Value of Soil Conservation*, 21
Robbins, W. W. and Weier, T. Elliot, *Botany, and Introduction to Plant Science*, 163
Sarton, George, *The Life of Science*, 109
Snyder, Laurence H., *The Principles of Heredity*, 192
Stern, Curt, *Principles of Human Genetics*, 19
Walter, Herbert E. and Syles, Leonard P., *Biology of the Vertebrates*, 141
Williams, R. O., *School Gardening in the Tropics*, 110
Wright, Albert Hazen, and Wright, Anna Allen, *Handbook of Frogs and Toads*, 45

- Botanical Congress, Report of the Seventh International, Lydia Bourne Walsh, 179
- Bryan, Arthur H., Methods of Teaching Biology to Blind Students With the Seeing, 75
- Charles, Brother H. C., Make Your Own Color Slides, 62
- Circulation in a Frog, Demonstrating, James W. Sanders, 31
- City Limits, The, James M. Sanders and Muriel Beuselein, 3
- Cleveland Program, 159
- Conservation, All Out for, Lydia Bourne Walsh, 125
- Conservation Kit, 69
- Conservation Pledge, America's, 82
- Crane Increase, Whooping, 22
- Curriculum, Experiment with Biology in a Core, M. C. Lichtenwalter, 183
- Dodge, Ruth A., The National Blood Program of the American Red Cross, 32
- "Dry as Chalk Dust," Anne Malatesta, 27
- Editorial Comment, 108, 133, 190
- Evolution Means to Me, What, Charles E. Packard, 175
- Examination Questions, Student Prediction of, Charles E. Packard, 29
- Eye Structure, Suggestions for the Laboratory Study of the Human, Charles E. Hadley, 111
- Films, Encyclopaedia Britannica, 69
- Films, Northwestern University, 21
- Films Popular Science, 70
- Firearms Education for the Biology Class, Guy P. Franek, 89
- Franek, Guy P., Firearms Education for the Biology Class, 89
- Gordon, Robert B., A Revised Mnemonic for Chemical Elements Essential to Plant Nutrition, 160
- Hadley, Charles E., Suggestions for the Laboratory Study of the Human Eye Structure, 111
- Harlow, James G., A High School Science Service, 55
- Hawk and Owl Protection, Progress in, 40
- Heredity in High School Biology, Richard F. Thaw, 178
- Hostels, American Youth, 90
- Kneoyer, Leslie A., Plant Societies of the Colorado and Mexican Plateaus, 70
- Laurence, Sister Maria, Growing Moss Protonemata, 107
- Lazarus, Jeanne M., Ants in Palaces, Export Industry Run by a Woman, 38
- Lichtenwalter, M. C., Experiment with Biology in a Core Curriculum, 183
- Life Science, Let's Put Life into, Barbara E. McEwan, 156
- Letters to the Editor, John K. Terres, 13; Charles E. Burt, 67; A. L. Hammell, 68; Charles J. Wehr, 68; S. M. Pattee, 105; Patrocinio Del Rosario, 165; Theodore Stubbs, 164
- Lockwood, Betty, Polio—1949, 84
- Malatesta, Anne, "Dry As Chalk Dust", 27
- Mallinson, George G., Sturn, Harold E., Mallinson Lois Marion, The Reading Difficulty of Textbooks for High-School, 151
- Mallinson, Lois Marion, See Mallinson, George E.
- Managing Editor, New, 133
- Masters, Charles O., Mosquito Mysteries, 106
- McCafferty, Robert C., Students See the Need for Defining Terms, 189
- McEwan, Barbara E., Let's Put Life into Life Science, 156
- Meeting, Report of the New York, 51
- Mnemonic, for Chemical Elements Essential to Plant Nutrition, Revised, Robert R. Gordon, 160
- Miller, Jesse V., Objectives and Grades in Biology, 99
- Miller, Jesse V., Teacher-Pupil Planning for Biology, 51
- Mosquito Mysteries, Charles O. Masters, 106
- Mushett, Charles W., Vitamin B₁₂—A Nutritional Factor for Man and Beast, 134
- Nagler, Harold, The Place of Anthropology in the Biology Course, 65
- National Geographic Magazine in the Biology Course, The, S. M. Pattee, 149
- Officers, New, 16
- Packard, Charles E. What Evolution Means To Me, 175
- Packard, Charles E., Student Prediction of Examination Questions, 29
- Pattee, S. M., A Filing Case for Kodachrome Slides, 102
- Pattee, S. M., The National Geographic Magazine in the Biology Course, 149
- Plant Societies of the Colorado and Mexican Plateaus, Leslie A. Kneoyer, 70
- Polio—1949, Betty Lockwood, 84
- Premedical Education, National Conference on, 131
- Protonemata, Growing Moss, Sister Maria Laurence, 107

- Rat, Brother, 14
Red Cross, The National Blood Program of the American, Ruth A. Dodge, 32
Reed, Gerald G., What Should A Biology Teacher Be, 186
- Sanders, James M., Demonstrating Circulation in a Frog, 31
Sanders, James M. and Muriel Beuschlein, The City Limits, 3
Science Essay Contest, Unity of, 70
Science Service, A High School, James G. Harlow, 55
Sciencee, Unitary, 16
Slides, A Filing Case for Kodachrome, S. M. Pattee, 102
Slides, Make Your Own Color, Brother H. C. Charles, 62
Staff, The, 46
Steele, Frederie L., The Study of Taxonomy, 103
Sturn, Harold E., See Mallinson, George E.
Taxonomy, The Study of, Frederie L. Steele, 103
Teacher, What Should A Biology, Be, Gerald G. Reed, 186
Terms, Students See the Need for Defining, Robert C. McCafferty, 189
Textbooks, Reading Difficulty of, for High-School Biology, George G. Mallinson, Harold E. Sturn, Lois Marion Mallinson, 151
Thaw, Richard F., Comparative Studies of Students in First Term College Biology, 34
Thaw, Richard F., Heredity in High School Biology, 178
Vacations, Rent Free, 110
Vitamin B₁₂—A Nutritional Factor for Man and Beast, Charles W. Mushett, 134
Walsh, Lydia Bourne, All Out for Conservation, 125
Walsh, Lydia Bourne, Report of the Seventh International Botanical Congress, 179
Weckstein, Abraham Marshall, The Use of 2" x 2" Photomicrographs in the Teaching of Biology, 60
Wilderness Travel by Trail, Shirley W. Allen, 41